

# Re: Can't install DVD-rom, system won't boot? Help???

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*Source:*

[http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.help\\_and\\_support/2006-05/msg02868.htm](http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.help_and_support/2006-05/msg02868.htm)

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- *From:* grams <grams@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
  - *Date:* Wed, 24 May 2006 02:10:02 -0700
- 

Thank you Anna,  
You got it! I will try to contact MSI and/or take my cpu to a shop. If I find out the cause/solution, I will post it here..  
Thanx again..  
Grams

"Anna" wrote:

"grams" <grams@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message  
<news:4FA511D3-6117-423A-B0CF-4B23C349C5B2@xxxxxxxxxxxxxxxxxxxx>

P.S. I forgot to mention I just upgraded my ram memory from 512 mb to 2GB (my mother board allows up to 3GB ram). Seriously doubt if this might have something to do with my problem but thought I ought to mention it..

"grams" wrote:

Below I will give my computer specs.  
I have 2 hard drives, so the Primary IDE slots hold my 2 hard drives;  
one a Master and the second one is the slave to the master.

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On the Secondary IDE slots,  
I also have 2 cd-roms, one  
is the master  
and  
the  
other is the slave to the  
master. The master is my  
cd/read/write  
cd-rom.  
I  
want to leave it and change  
the slave cd-rom to a  
DVD-rom (not a dvd  
r/w  
rom)...

I bought bestbuys dvd-rom,  
took out the 'slave' cd-rom  
and put the  
dvd-rom  
in with the pin set for the  
slave. I booted my computer  
and it won't  
boot  
pass the first booting page.  
It won't boot into windows..  
What could  
be  
wrong?????????

I took the new dvd-rom  
back out and left it out and  
tried booting and  
it  
wouldn't boot with nothing  
in the secondary cd-rom ..  
wierd to say  
the  
least.. Like I said the  
secondary IDE slot is the  
Master of r/w cd-rom  
and I  
never removed it or touched  
it, it is still there..

I then put my old cd-rom  
back in the secondary  
(slave) and waited a  
few  
mintues and booted up my  
computer.. It booted with no

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problem.. I  
repeated  
this whole sequence several  
times with the same results..  
I for the  
life  
of  
can't figure it out... My  
computer should boot with  
or without the  
second  
cd-rom, shouldn't it????  
Adding a cd-rom or a  
dvd-rom should not  
keep  
my  
computer from booting up  
should it????

In my cmos, I have it set to  
boot-up with the hard drive  
as my first  
boot-up, the second is the  
cd-rom.. but I don't see how  
removing or  
replacing  
the 'slave' cd-rom would  
prevent it from booting into  
windows..

Can someone please tell me  
what is causing this.. I need  
a dvd-rom  
drive.  
not particularly the brand of  
the dvd-rom I just bought  
(which I have  
already  
took back anyway) but I do  
need to get a dvd-rom asap  
in my computer  
so I  
am  
hoping someone might  
know a solution to this  
problem..

Here are my computer  
specs.. I hope I have  
covered everything...  
SYSTEM INFORMATION:

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Mother Board: K7N2 Delta  
series MS-6570 (v1.X)  
ATX Mainboard  
AMD AthlonT XP 2500+  
1.84 GHz, 2.00 GB Ram  
OS Name Microsoft  
Windows XP Home Edition  
Version 5.1.2600 Service  
Pack 2 Build 2600  
OS Manufacturer Microsoft  
Corporation  
System Manufacturer  
NVIDIA  
System Model AWRDACPI  
System Type X86-based PC  
Processor x86 Family 6  
Model 10 Stepping 0  
Authentic AMD ~1837  
MHz  
BIOS Version/Date Phoenix  
Technologies, LTD 6.00  
PG, 11/7/2003  
SMBIOS Version 2.3  
NVIDIA GeForce 6800 GT  
Video card 256MB  
System Directory  
C:\WINDOWS\system32  
Boot Device  
\Device\HarddiskVolume1  
Hardware Abstraction Layer  
Version = "5.1.2600.2180  
(xpsp\_sp2\_rtm.040803-2158)"  
Total Physical Memory  
2,048.00 MB  
Available Physical Memory  
1.59 GB  
Total Virtual Memory 2.00  
GB  
Available Virtual Memory  
1.95 GB  
Page File Space 2.60 GB  
Page File C:\pagefile.sys  
Power Supply 400 Antex  
(ATX12V)  
Primary IDE  
Master 40 GB Hard Drive  
Slave 160 GB Hard Drive  
Secondary IDE  
Master CD-R/W Rom:  
TDK 52x EIDE  
Slave to Master CD-R/W

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Rom: MTRP 50x EIDE

This is all it gave on the  
storage/ide under my system  
info;

Storage/IDE:

Name Standard Dual

Channel PCI IDE Controller

Manufacturer (Standard IDE  
ATA/ATAPI controllers)

Status OK

PNP Device ID

PCI\VEN\_10DE&DEV\_0065&SUBSYS\_57001462&REV\_A2\3&13C0B0C

I/O Port

0x0000F000-0x0000F00F

Driver

c:\windows\system32\drivers\pciide.sys

(5.1.2600.0

(XPClient.010817-1148),

3.25 KB (3,328 bytes),

8/29/2002 7:00 AM)

Name Primary IDE Channel

Manufacturer (Standard IDE

ATA/ATAPI controllers)

Status OK

PNP Device ID

PCIIDE\IDECHANNEL\4&26D47942&0&0

I/O Port

0x000001F0-0x000001F7

I/O Port

0x000003F6-0x000003F6

IRQ Channel IRQ 14

Driver

c:\windows\system32\drivers\atapi.sys

(5.1.2600.2180

(xpsp\_sp2\_rtm.040803-2158),

93.13 KB (95,360 bytes),

8/29/2002 7:00

AM)

Name Secondary IDE

Channel

Manufacturer (Standard IDE

ATA/ATAPI controllers)

Status OK

PNP Device ID

PCIIDE\IDECHANNEL\4&26D47942&0&1

I/O Port

0x00000170-0x00000177

I/O Port

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0x00000376-0x00000376  
IRQ Channel IRQ 15  
Driver  
c:\windows\system32\drivers\atapi.sys  
(5.1.2600.2180  
(xpsp\_sp2\_rtm.040803-2158),  
93.13 KB (95,360 bytes),  
8/29/2002 7:00  
AM)

"Anna" wrote:

grams:

I'm not sure if you've resolved your problem, so in case you haven't, perhaps the following will be of some use to you...

First, we'll make the following assumptions...

1. All the devices, i.e., the hard drives & the optical drives are non-defective, as are the IDE cables connected to these devices. Ditto for the motherboard's IDE channels.
2. The IDE cables are correctly & securely fastened to these devices as are the power supply connections.
3. The boot HD is correctly connected to the motherboard's IDE Primary IDE channel and is connected to the end connector of its IDE cable and is correctly jumpered as Master.
4. The secondary (storage) HD is also correctly connected/configured as a Slave to the Primary Master HD.
5. The optical drives are similarly correctly connected/configured on the Secondary IDE channel.

Re:check \*all\* of your connections and the configuration of these devices to ensure that they are indeed correctly connected and configured. Take nothing for granted.

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If, after checking that the connections/configurations of the devices are correct and the system still doesn't boot with all four devices present, describe precisely what happens during the boot process. What error message(s), if any, are displayed?

Can you boot into Safe Mode?

What happens if you attempt to boot to a bootable floppy disk (assuming you have one) or to a bootable CD, e.g., the XP installation CD?  
Anna

"grams" <grams@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message  
[news:721F48F6-6ED8-41CB-B8E1-60DE38022ECE@xxxxxxxxxxxxxxxxxxxx](mailto:news:721F48F6-6ED8-41CB-B8E1-60DE38022ECE@xxxxxxxxxxxxxxxxxxxx)

Hi Anna,

I put my old cd-rom slave back in. So now everything is the way it was before I tried to replace this slave cd-rom with the dvd-rom.. It boots fine,  
No problem, no error messages... never had a problem..

The problem starts when I take this slave-cd-rom out, the computer won't boot pass the first boot screen, it hangs and sets there doing nothing, I can't get into cmos or anything, nor will it boot to xp disk or any other disk. I literally have to turn the computer off.. it did the same thing when I tried to put the new dvd-rom in. BUT when I put the old slave cd-rom back in, it will boot up to windows.. so I don't know why that cd-rom slave has to be there in order for my computer to boot up???? The master CD-r/w-rom is set to master and the other one is set to slave.. same for both hard drives so the settings are ok.. I have checked and reset and recheck the cables, they seem to be working just fine, if they weren't it wouldn't boot up even with the old cd-rom back in, right?  
This is what has me baffled.. what is it with this cd-rom slave that seems to have the control over my computer booting? It don't make sense..

grams:

I honestly don't know what else to suggest. While I have come across some

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rare cases where a defective secondary (non-bootable) IDE device would cause the system \*not\* to boot, I can't recall where its absence resulted in the same problem. Aside from that unusual situation, \*every\* case I've come across with a problem similar or identical to yours resulted from either defective component(s) or one or more misconfigurations of normally functional IDE/ATAPI devices.

Perhaps it would be worthwhile to contact MSI – the manufacturer of your motherboard – to see if they can shed any light on this.

If & when you resolve this problem, I would appreciate hearing about its solution.

Anna